MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 2, 2018/2019

BPB2034 – PROGRAMMING FOR BUSINESS APPLICATIONS

(All sections / Groups)

11 MARCH 2019
9.00 a.m – 11.00 a.m
(2 Hours)

INSTRUCTION TO STUDENTS

1. This question paper consists of 5 pages (including cover page) with 4 questions only.
2. Attempt ALL FOUR questions. All questions carry equal marks and the distribution of the marks for each question is given.
3. Please write all your answers in the Answer Booklet provided.

Question 1

(a) Draw a flowchart to calculate the sum of first 20 even numbers. (10 marks)

(b) Write Visual Basic Program for the following task:

(i)Using For loop , fill the cells A1:A20 with first 20 integer numbers

(5 marks)

(ii) Rewrite the above task (Question b(i)) by using do – while loop.

(5 marks)

(iii) Using loop, Read the 5 values from the A1 to A5 and display the average using suitable Message Box.

(5 marks)

Question 2

	A	B	C	D	E	F
1	Emp Name	Basic	EPF	TAX	NETT	
2						
3	NIRMAL	2000	90	35		
4	CHIN	1000	40	20		
5	AZLINA	3000	120	70		
6						
7						
8						
9						
10			CALCULATE			
11						

(a) With reference to the above details in Excel workbook, write a program to calculate the Nett salary for all 3 employees and display accordingly from E3 to E5. (10 marks)

Continued....

(b)

	A	B	C	D	E
1	First	Last	Marks	Subject	Classification
2	Bryan	Snyder	84	History	Destinction
3	Bradford	Patrick	49	French	Pass
4	Juanita	Moody	94	Geography	High Destinction
5	Douglas	Blair	58	History	Credit
6	Ken	Oliver	38	French	Fail
7	Leah	Frank	65	French	Credit
8	Rosalie	Norman	28	History	Fail
9	Monica	Banks	78	Geography	Destinction
10	Jackie	Morgan	33	History	Fail
11	Sherman	Warren	49	Geography	Pass

RESULT

Using the above Excel workbook , Write a program to process the classification column with the following criteria.

```
Marks >= 85 , classification is "High Destinction"
Marks >= 75 and <85 classification is "Destinction"
Marks >= 55 and < 75 classification is "Credit"
Marks >= 40 and < 75 classification is "Pass"
Otherwise classification is "Fail"
```

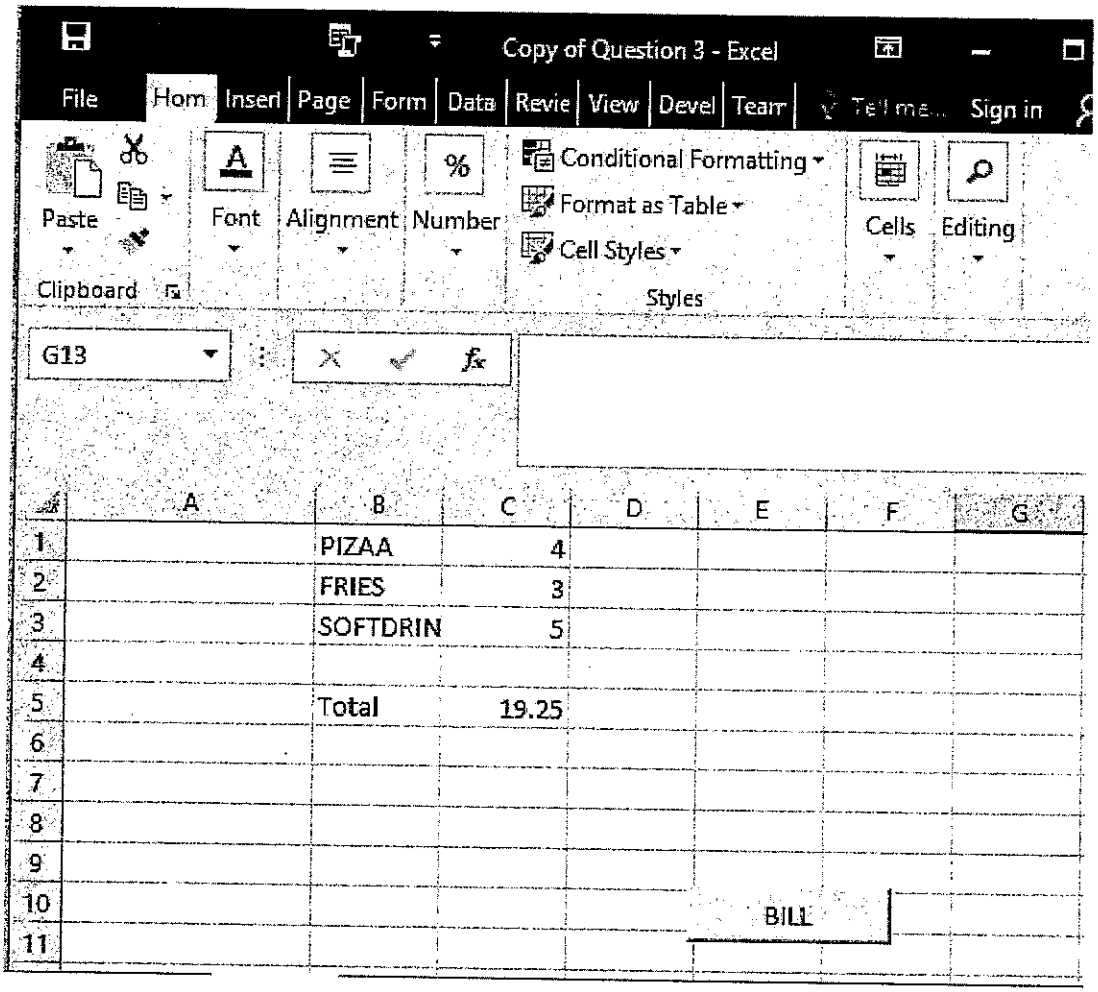
(15 marks)

Continued....

Question 3

Write a program to compute customer's bill. The vendor sells pizza slices for $1.75, fries for $2.00 and soft drinks for $1.25. The program should request the quantity of each item, ordered in a Sub procedure, calculate the total cost with a Function procedure and use Sub procedure to display an itemized bill. Write the suitable main program to call the subroutines and functions. Use the appropriate cells in excel work book to display the itemized bill.

Display the result as per the sample screen below:



(25 Marks)

Continued....

Question 4

(a) Using arrays, write a visual basic program to accept 10 numbers using an InputBox. Displays the 10 numbers from cells(1,1) to cells(1,10) in the excel sheet. Also find the largest among the list and display using message box.

(15 Marks)

(b) Write a program to read the activecell score and display "P" in next cell Green color if the score is more then 40, otherwise display "F" in next cell Red color.
(10 Marks)

End of Paper.